

# CERTIFICATE OF ANALYSIS

Product Description      PECTOLYASE Y-23  
Product Number          P686  
Lot Number                HKW0686014  
Storage Temperature    2-8 °C  
CAS Number                9033-35-6

## Physiochemical Specifications:

| TEST                     | SPECIFICATION   | RESULTS       |
|--------------------------|---|---------------|
| Solubility               | Soluble in Water @ 10 mg/mL                             | Passes        |
| pH                       | Under Development                                       | 6.5           |
| Physical Appearance      |   |               |
| Color*                   | 2152-50 to 2154-50, 2152-60 to 2154-60, HC-32, or HC-35 | 2152-60 Cream |
| Texture                  | Fine Powder, may form clumps                            | Fine Powder   |
| Solution Appearance      |   |               |
| Clarity                  | Clear   | Clear         |
| Color                    | Light Yellow to Orange                                  | Orange        |
| Average Time to Dissolve | Within 5 min  | Passes        |
| Insolubles               | None  | Passes        |
| Enzyme Activity          | Minimum 1,000 units/g                                   | Passes        |

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

The material described in this certificate is derived from *Aspergillus japonicus*. The medium used to grow the fungus contained no animal-derived material.

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Date of Release: 20-April-2023

Recommended Shelf-Life Date: April 2028



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